**3 Written Questions – fill in the blank with the missing vocabulary word**

**Osmosis**  and semipermeable membranes

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. solution with less solute 
2. a solution with more solute 
3. when two solutions have the same concentrations of solutes 

**2 Matching Questions – match the term and definition**

|  |  |
| --- | --- |
| 1. Diffusion | 1. **a** the random movement of molecules from an area of higher concentration of those molecules to an area of lower concentration |
| 1. Active Transport | 1. **b** uses energy from ATP to move substances throguh the cell membrane against a concentration gradient, from regions of low to higher concentrations |

**2 Multiple Choice Questions – select the best response**

1. a membrane that allows for diffusion of certain solutes and water

Active Transport

Diffusion

Osmosis

Permeable Membrane

1. a special case of diffusion where water diffuses through a selectively permeable membrane from a region of higher water potential to a region of lower water potential

Isotonic

Hypotonic

Osmosis

Diffusion